



**DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE,
NAGPUR**

B.Sc. (CHEMISTRY) Semester I

Paper I Inorganic Chemistry

(Introduction of Atomic Structure, Quantum Numbers, Shapes of the Atomic orbitals, Periodic Properties, Covalent Bond, Ionic Bond, S block elements, Inert gas elements, p block elements, Food adulteration)

Unit I

Introduction of Atomic Structure

<https://youtu.be/2VrumCtYBwc?si=182qRpoyCeUbanTx>

Quantum Numbers

<https://youtu.be/CcrbZs4Az6E?si=5hB5v9eYoLRF1XLp>

Shapes of the Atomic orbitals

https://youtu.be/nNkw_0c8vY0?si=B_FvgoReB4MZjvTM

Periodic Properties

<https://youtu.be/p-NdkOfm0tQ?si=9iNSBr6sOAb7waMt>

Unit II

Covalent Bond

https://www.youtube.com/watch?v=xfgDW_PJc4k&list=PLuanLse7GXc7pzKnLmKe9qht_GTR1N8oi

Ionic Bond

<https://www.youtube.com/watch?v=BZxLahVW0jM&list=PLLFRJm7-ej7QMwKw2a3B3Zxu3-EsXdDXX>

Unit III

S block elements

<https://youtu.be/4PpQU9eN-mc?si=nPmSx-1znijKYIIE>

Inert gas elements

<https://www.youtube.com/watch?v=ppQ>



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Unit IV

p block elements

<https://www.youtube.com/watch?v=2D37TDJkwkA>

Food adulteration

<https://www.youtube.com/watch?v=mbPeG6FX2V8>